



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Installation of Multi-Way Stop Control at the Intersection of Stockton Street and Harney Lane

MEETING DATE: September 20, 2000

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution approving the installation of a multi-way stop control at the intersection of Stockton Street and Harney Lane, as shown on **Exhibit A**. The multi-way stop control will be removed when a traffic signal is constructed.

BACKGROUND INFORMATION: Staff has been directed to proceed with signal design for Stockton Street and Harney Lane, along with other locations that still need Council approval. Since there will be some delay, staff evaluated the need for multi-way stop control at this intersection as an interim solution. Traffic control at the intersection is provided by stop signs on Stockton Street. Harney Lane traffic is not controlled with a 45 mph posted speed. Due to the increasing traffic volumes, especially eastbound to northbound turning vehicles, staff observed that drivers on Stockton Street suffer significant delay during peak volume periods. It appears Stockton Street drivers feel compelled to enter Harney Lane through less than desirable gaps due to the constant traffic flow from both east and west directions.

This intersection meets the Caltrans guidelines for multi-way stop control since a traffic signal is warranted and the need is urgent. One of the guidelines suggests multi-way stop controls be used as an interim measure while arrangements are made for a traffic signal installation. The intersection has high traffic volumes entering the intersection; however, has a less than desirable 20%/80% volume split on Stockton Street and Harney Lane. Traffic volume splits near 50%/50% are preferred at multi-way stop controls.

Based on the number one ranking in the Signal Priority Study, high traffic volumes, and speeds on Harney Lane, staff recommends that City Council approve the installation of an interim multi-way stop control until the traffic signal is constructed. No amendments are recommended to the Traffic resolution 97-148 due to the temporary nature of the control and the relatively short anticipated period until the signal will be installed. We anticipate the design work will be completed this winter with construction beginning in the spring.

FUNDING: Cost to convert intersection from a two-way stop to a multi-way stop from the Street Maintenance Account at an approximate cost of \$600.

Richard C. Prima, Jr.
Public Works Director

Prepared by Rick S. Kiri, Senior Engineering Technician

RCP/RSK/lm

Attachments

cc: Randy Hays, City Attorney
Jerry Adams, Police Chief
Wally Sandelin, City Engineer
George Bradley, Street Superintendent
Carlos Tobar, Transportation Manager
Paula Fernandez, Associate Traffic Engineer

APPROVED:

H. Dixon Flynn -- City Manager

CSTKNHRNYSTOP

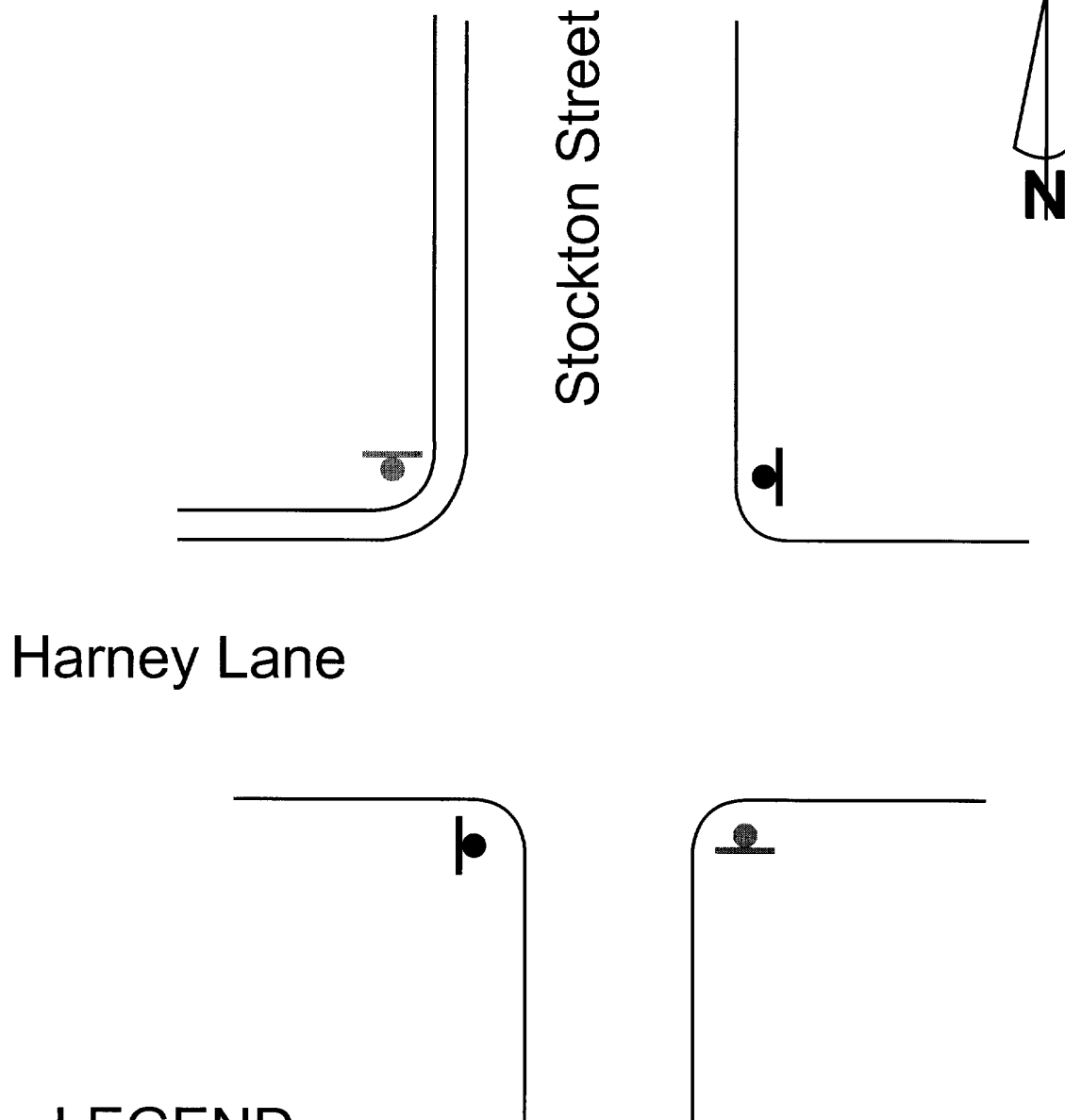
09/11/00



CITY OF LODI

PUBLIC WORKS DEPARTMENT

Stockton Street and Harney lane Intersection Control



LEGEND

- - proposed stop signs
- - existing stop signs

RESOLUTION NO. 2000-169

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING MULTI-WAY STOP CONTROL AT THE
INTERSECTION OF STOCKTON STREET AND HARNEY
LANE, WITH NO AMENDMENT TO TRAFFIC
RESOLUTION NO. 97-148

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BE IT RESOLVED, that the City Council of the City of Lodi does hereby approve the installation of a multi-way stop control at the intersection of Stockton Street and Harney Lane, as shown on Exhibit A attached hereto; and

BE IT FURTHER RESOLVED, that due to the temporary nature of this multi-way stop control, that no amendment to the City of Lodi Traffic Resolution No. 97-148, be made at this time, as arrangements are being made for the installation of a traffic signal at this intersection.

Dated: September 20, 2000

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I hereby certify that Resolution No. 2000-169 was passed and adopted by the City Council of the City of Lodi in a regular meeting held September 20, 2000, by the following vote:

AYE: COUNCIL MEMBERS – Hitchcock, Land, Nakanishi, Pennino and Mayor Mann

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None


SUSAN J. BLACKSTON
City Clerk

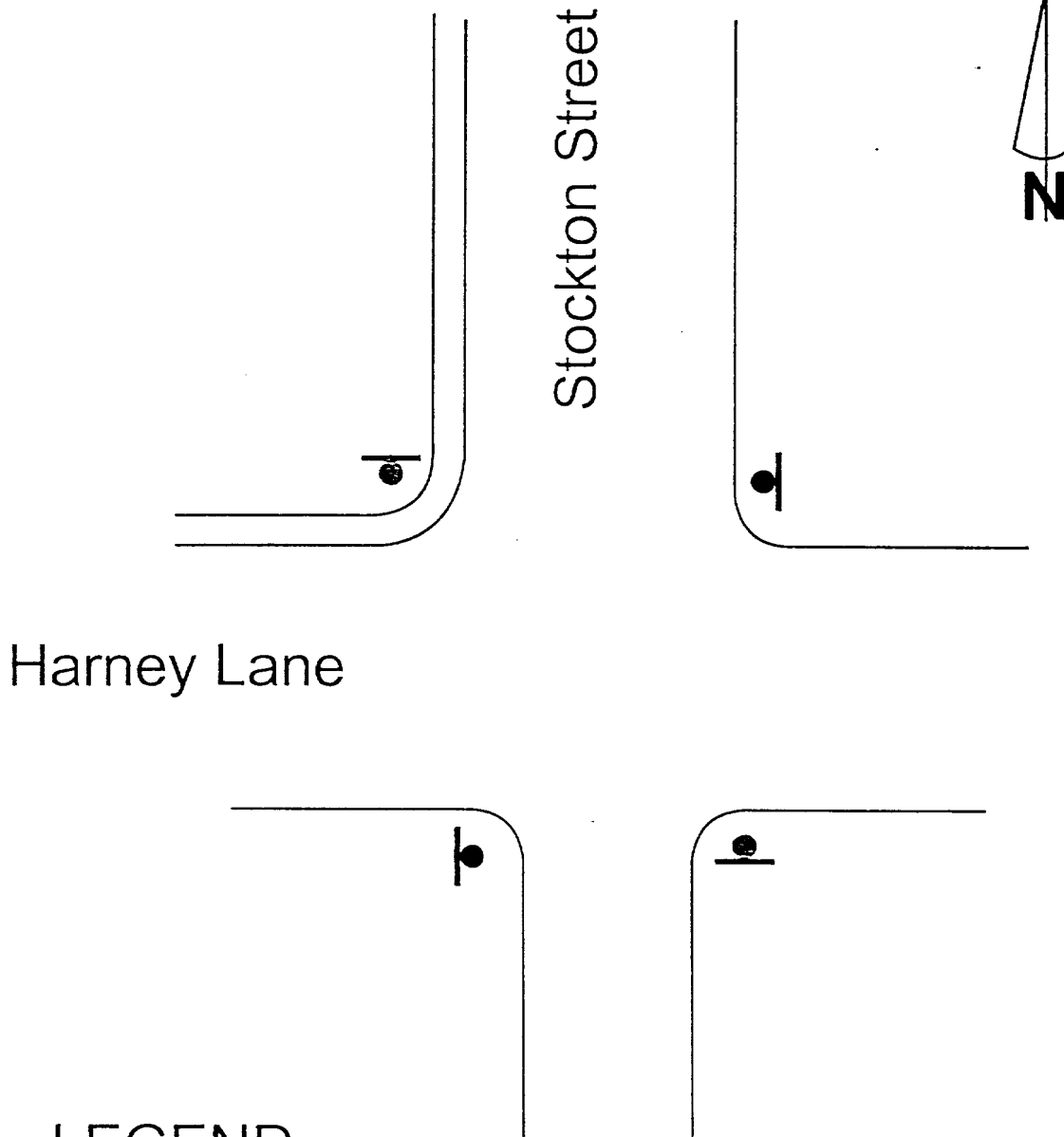


CITY OF LODI

PUBLIC WORKS DEPARTMENT

Stockton Street and Harney lane

Intersection Control



LEGEND

● - proposed stop signs

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